

Re-Enter

FILE NOTATIONS

Entered in NID File _____
Entered On S R Sheet _____
Location Map Pinned ☒ _____
Card Indexed _____
I W R for State or Fee Land _____

Checked by Chief PMB
Copy NID to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 6-1-66
OW ☒ WW _____ TA _____
GW _____ OS _____ PA _____

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 7-26-66
Electric Logs (No.) 2

E _____ I _____ E-I ☒ GR ☒ GR-N _____ Micro _____
Lat _____ Mi-L _____ Sonic _____ Others _____

FILE NOTATIONS

Entered in NID File ☒ _____
Entered On S R Sheet 7 _____
Location Map Pinned ☒ _____
Card Indexed ☒ _____
I W R for State or Fee Land _____

Checked by Chief PMB
Copy NID to Field Office ☒ _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

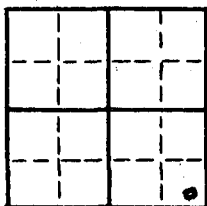
Date Well Completed _____
OW _____ WW _____ TA _____
GW _____ OS _____ PA ☒ 5

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log _____
Electric Logs (No.) 1

E _____ I _____ E-I _____ GR ☒ GR-N _____ Micro _____
Lat _____ Mi-L _____ Sonic _____ Others _____



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Fee and Patented.....☐
State☐
Lease No.
Public Domain☒
Lease No. 070752
Indian☐
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	<input checked="" type="checkbox"/> 	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History.....	
--	---	--	------------------------------

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Sept 27, 1963

Well No. Keys Fed 2 is located 330 ft. from S line and 666 ft. from E line of Sec. 5
SESE 1/4 Sec 5 20 S 24 E SLM & M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Agate Field Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4584.8 feet.

A drilling and plugging bond has been filed with

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Morrison Sands 1700 Ft ✓
100 ft of 7" surface Pipe cemented to Surface ✓
Spudding Nov 1, 1963

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Walter D Broadhead
 Address 1645 N 7th St By Walter D Broadhead
Grand Junction Colo Title operator

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

Phone No.

WELL SURVEY
FOR
WALTER BROADHEAD
1643 No. 7TH
GERARD H. PESMAN
721 No. 7TH - GRAND JCT., - COLO.
9/19/63

ELEV. REFERRED TO
U.S.C. & G.S.

Sec 5
T20S R24E S.L.B. & M.

KEYS-FEDERAL #2
Elev. = 4584.8'

Brass Cap 1/4

Scale:
1 in. = 1000 ft.

5 4 Brass Cap

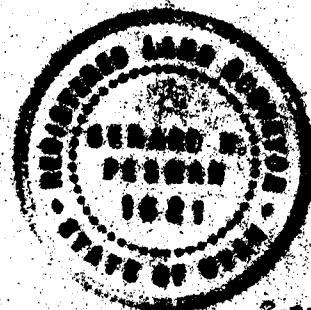
8 9

Salt Lake Base &
Meridian
T20S R24E

Brass Cap 1/4

I, GERARD H. PESMAN, CERTIFY THAT THIS PLAT IS
PLOTTED FROM FIELD NOTES OF A SURVEY MADE BY
ME ON SEPTEMBER 16, 1963.

Gerard H. Pesman
UTAH REG. LAND SURVEYOR 1621



October 2, 1963

Walter D. Broadhead
1643 North 7th Street
Grand Junction, Colorado

Dear Mr. Broadhead:

This is to acknowledge receipt of your notice of intention to drill Well No. Keys Federal #2, which is to be located 330 feet from the south line and 660 feet from the east line of Section 5, Township 20 South, Range 24 East, SEEM, Grand County, Utah.

Please be advised that insofar as this office is concerned, approval will not be given until after the forthcoming hearing on October 16, 1963, whereby clarification of the existing field rules issued in Cause #2 will be reviewed.

Since it was indicated on your notice that you will not be spudding this well until November 1, 1963, it is hoped that this delay in granting approval will not cause any inconvenience.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:cnp

cc: Don Russell, District Engineer
U. S. Geological Survey
Salt Lake City, Utah

H. L. Coonts, Petroleum Engineer
Oil & Gas Conservation Commission
Moab, Utah

October 17, 1963

Walter D. Broadhead
1643 North 7th Street
Grand Junction, Colorado

Dear Mr. Broadhead:

At a hearing in Cause #94, on October 16, 1963, the Commission did not approve the request by Mr. Lewis H. Larsen to amend the Order in Cause #2 to provide for 5-acre spacing. If you will read the entire context of the original order, especially paragraph 10 of the findings, you will see that the intent of the Commission was to establish 10-acre spacing in the Cisco-Seiber Nose Area. Since your location is off the 10-acre pattern, it can not be approved. However, the Commission has no objection to drilling a well on this location provided the other operators in this area have no objection.

Therefore, an "Order to Show Cause" will be published to determine if there are any objections to the drilling of this well. If no objections are received within 10 days after the publication, your notice of intention to drill will be approved.

If objections are received, a hearing will be held on Thursday, November 14, 1963 at 2 P.M. in the Commission's Office. Incidentally, you indicate on your notice of intention to drill that you did not intend to spud this well prior to November 1, 1963; therefore, a delay of three days should not be too inconvenient.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE DIRECTOR

CBF:cnp

cc: Don Russell, District Engineer
U. S. Geological Survey, Salt Lake City, Utah

H. L. Coonts, Petroleum Engineer
Oil & Gas Conservation Commission, Moab, Utah

BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF UTAH

IN THE MATTER OF THE REQUEST OF :
WALTER D. BROADHEAD FOR AN EXCEPT- :
ION TO THE 10-ACRE SPACING PATTERN :
ESTABLISHED IN THE SEIBER-CISCO NOSE :
AREA BY THE ORDER IN CAUSE NO. 2 :
ADOPTED ON JUNE 28, 1956. :
:

ORDER TO SHOW CAUSE
CAUSE NO. 95

TO ALL PARTIES INTERESTED IN THE SEIBER-CISCO NOSE AREA AND MORE PARTICULARLY
IN SECTION 5 OF TOWNSHIP 20 SOUTH, RANGE 24 EAST, SLBM, GRAND COUNTY, UTAH:

Walter D. Broadhead has filed an application with this Commission to
drill Well No. Keys Federal #1, 330 feet from the south line and 660 feet from
the east line of Section 5, Township 20 South, Range 24 East, SLBM, Grand
County, Utah. This location is off the normal 10-acre spacing pattern pro-
vided for in the above mentioned order.

If you and each of you have an objection to this well being drilled on
said location, you are hereby requested to notify this Commission on or be-
fore Monday, 4th of November, 1963, and thereafter appear before the Commis-
sion in the Commission's Office, 310 Newhouse Building, Salt Lake City, Utah,
at 2 P.M. on Thursday, November 14, 1963, at that time and place to show
cause, if any there by, why said Commission should not grant approval to drill
said well.

DATED this 18th day of October, 1963

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION

/s/ C. R. Henderson
C. R. HENDERSON, Chairman

/s/ C. S. Thomson
C. S. THOMSON, Commissioner

/s/ Bryant H. Croft
BRYANT H. CROFT, Commissioner

/s/ M. V. Hatch
M. V. HATCH, Commissioner

/s/ Charles P. Olson
CHARLES P. OLSON, Commissioner

November 5, 1963

Walter D. Broadhead
1643 North 7th Street
Grand Junction, Colorado

Re: Well No. Kays Federal #2
Sec. 5, T. 20 S. R. 24 E.,
Grand County, Utah

Dear Mr. Broadhead:

On October 18, 1963, an Order to Show Cause was published in Cause No. 95 to determine if there were any objections to the drilling of the above mentioned well off of the spacing pattern provided for by the order in Cause No. 2. No objections having been received on or before November 4, 1963, as required by said Order to Show Cause, approval is hereby granted to drill this well.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE DIRECTOR

CBF:kgw

cc: Don Russell, District Engineer
U. S. Geological Survey
Salt Lake City, Utah

H. L. Coonts, Petroleum Engineer
Oil and Gas Conservation Commission
Moab, Utah

November 29, 1963

Walter D. Broadhead
1643 North 7th Street
Grand Junction, Colorado

Dear Mr. Broadhead:

It has come to the attention of this office that the proposed well site for the Keys Federal #2 Well, 330' FSL & 660' FEL, of Section 5, Township 20 South, Range 24 East, Grand County, Utah, will not be drilled. The new location appears to be situated 1610' FSL & 990' FEL of Section 5.

If this information is correct, it will be necessary for you to file a new Notice of Intention to Drill, accompanied by a location plat prior to spudding.

Your attention with respect to this matter will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

February 27, 1964

Mr. Walter D. Broadhead
1643 North 7th Street
Grand Junction, Colorado

Re: Well No. Keys Federal #2
Sec. 5, T. 20 S., R. 24 E.,
Grand County, Utah

Dear Mr. Broadhead:

This is to notify you that our approval to drill the above mentioned well which was granted in our letter of November 5, 1963, is hereby terminated. This approval is terminated because you failed to spud in within the time prescribed.

If and when you should decide to drill this well, it will be necessary for you to again file a notice of intention to drill and obtain this Commission's approval.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-070752	
2. NAME OF OPERATOR Walter D. Broadhead		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1645 N. 7th. St. Grand Junction, Colo.		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 330' North of South line. 660' West of East line of Sec. 5.		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. Keas Fed. No. 2	
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Agate Field	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5. T. 20S., R. 24E.	
		12. COUNTY OR PARISH Grand	13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐**Change of Plans** ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On Nov. 21, 1963, we moved cable tools on Keas Fed. No. 2. Made 5' of hole.

Changed plans. We did not drill the Keas Fed. No. 2. We filled the 5' hole back with mud.

18. I hereby certify that the foregoing is true and correct

SIGNED

Walter D. Broadhead

TITLE

Agent

DATE April 11, 1964

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Walter D. Broadhead

3. ADDRESS OF OPERATOR

1645 N. 7th St. Grand Junction, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

330' from South line, 660' from East line, Sec 5.

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles Cisco, Utah.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

330'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

1650'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4584.8' GR.

22. APPROX. DATE WORK WILL START*

Sept. 21, 1965

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 7/8"	7"		100'	22 sacks

Plan to drill to Morrison -- App. 1650'
Will set 100' of surface pipe, circulate cement
Will drill 6 1/2" hole.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE: 9-29-65

by Paul A. Rendell
Chief Petroleum Engineer

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Walter D. Broadhead

TITLE

Operator

DATE

Sept. 19, 1965

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

November 23, 1965

Walter D. Broadhead
1645 N. 7th Street
Grand Junction, Colorado

Get & Nov.

Re: Well No. Keas Federal #2
Sec. 5, T. 20 S., R. 24 E.,
Grand County, Utah

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the above mentioned month (s), for the subject well. Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGCC-1b (U. S. Geological Survey Form 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your immediate attention is required in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN
RECORDS CLERK

kgw

Encl: Forms

December 16, 1965

Walter D. Broadhead
1645 N. 7th Street
Grand Junction, Colorado

Re: Well No. Keas Federal #2,
Sec. 5, T. 20 S., R. 24 E.,
Grand County, Utah.

October & November, 1965

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the above mentioned month (s), for the subject well. Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGCC-1b (U. S. Geological Survey Form 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your immediate attention is required in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN
RECORDS CLERK

arh

Enclosures: Forms

January 18, 1966

Walter D. Broadhead
1643 No. 7th Street
Grand Junction, Colorado

Re: Well No. Keas Federal #2
Sec. 5, T. 20 S., R. 24 E.,
Grand County, Utah

October, November, December, 1965

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the above mentioned month (s), for the subject well. Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGCC-1b (U. S. Geological Survey Form 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your immediate attention is required in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN
RECORDS CLERK

arh

Enclosures: Forms

WALTER D. BROADHEAD
 AGATE FIELD
 KEAS - FED #2
 Sec. 5, T. 20 S., R. 24 E.
 Grand County, Utah

$$S_w^2 = \frac{(F)(R_i)}{R_t}$$

(1) R_w from SP

- a) -19 millivolts (SP)
- b) 4 ft. = bed thickness
- c) 30 ohms $\frac{M^2}{M}$ (short normal $R_{sn} \rightarrow R_i$)
- d) 5.0 ohms $\frac{M^2}{M}$ @ 80° F (Resistance of mud- R_m)
- e) 4.5 ohms $\frac{M^2}{M}$ @ 80° F (Resistance of mud filtrate R_{mf})

(2) Enter $\frac{R_i}{R_m} = \frac{30}{50} = 6$

Bed thickness = 4 ft.

Chart A-8:

1.4 is correction factor (CF)

$SP \times CF = -19 \times 1.4 = -26.6$ SP corrected

(3) Chart A-10:

- a) $\frac{R_{mf}(4.5)}{(R_w)e} = 2.4$
- b) Solve for $(R_w)e$

$$(R_w)e = \frac{4.5}{2.4} = 1.87$$

(4) Chart A-12:

$R_w = ((eBHT)/(R_w e)) = 10$ ohm-meters (Too high)

Use Rocky Mountain Formation Water Resistivities =

$$\begin{array}{r} .280 \\ .390 \\ \hline 2) 670 = .335 \text{ ave.} \end{array}$$

(5) Solve for F: (formation resistivity factor)

$$F = \frac{62}{\phi 2.5} \quad (\text{humble})$$

ϕ : = estimated to be about 20 % from core data in Agate Field files.

$$F = 20$$

(6) $R_t = \text{induction log} = 20 \text{ ohms } \frac{M^2}{M} @ 1,626 \text{ ft.}$

$$(7) S_w = \sqrt{\frac{(F)(R_w)}{R_t}}$$

$$S_w = \sqrt{\frac{(20)(.335)}{20}} = \sqrt{.335}$$

$$S_w = .58 \times 100 = 58\%$$

$$S_o (\text{oil saturation}) = 100 - 58 = 42\%$$

February 24, 1966

Walter D. Broadhead
164~~4~~ No. 7th Street
Grand Junction, Colorado

Re: Well No. Keas Federal #2,
Sec. 5, T. 20 S., R. 24 E.,
Grand County, Utah.

Gentlemen:

Please refer to our letter of January 18, 1966, wherein we requested your Monthly Report of Operations for the above mentioned well.

We still have not received said reports. Rule C-22(1) of our General Rules and Regulations requires that you file a Monthly Report of Operations on or before the sixteenth (16) day of the succeeding month.

Please submit to this office said reports for the months of October, 1965 thru' January, 1966. Your immediate attention is required in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN
RECORDS CLERK

arh

Enclosures

March 18, 1966

Walter D. Broadhead
1645 North 7th Street
Grand Junction, Colorado

Re: Well No. Keas Federal #2
Sec. 5, T. 20 S., R. 24 E.,
Grand County, Utah

Dear Mr. Broadhead,

Unless we receive your Monthly Report of Operations by the end of this month for the above mentioned well, it will be necessary for us to request the Attorney General to take the necessary action to obtain said information and to enjoin you from further drilling in the State of Utah.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN
RECORDS CLERK

ARH:kh

cc: Ronald Boyce,
Assistant Attorney General

Rod Smith
U.S.G.S.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 070752
2. NAME OF OPERATOR Walter D. Broadhead		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1645 N. 7th Street		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660 feet west of East line 330 feet north of south line Sec. 5, T.20S, R. 24 E.		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. Keas No. 2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4584 Gr.		10. FIELD AND POOL, OR WILDCAT Agate
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T. 20S R. 24E
		12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spud in October 1, 1965
Set 100 Ft. of 7 inch surface pipe, cemented with 21 sacks cement.
Drilled 6½ inch hole, Rotary T.D. 1690 Ft. Run Induction Log Dec. 13, 1965
Set 1,662 feet of 4½ inch, 9lb. casing cemented with 15 sacks cement.
Jan. 20, 1966 - Perforated with Standard Jets-20 holes, 1630 to 1625
Feb. 3, 1966 - Pumped 250 gallons Mud Acid and 50 barrels of crude oil.
March 26, 1966 Fracture with 1100 lb. sand 124 barrels crude
March 30, 1966 - Swabbing & Testing
April 30, 1966 - Testing

18. I hereby certify that the foregoing is true and correct

SIGNED Walter D. Broadhead TITLE operator DATE May 16 1966

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. 070752	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Walter D. Broadhead				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1645 N. 7th, Grand Junction Colo				8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660 ft West of East line-330 ft North of South line Sec. 5, T. 20S, R 24 E At top prod. interval reported below At total depth				9. WELL NO.	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Keas No. 2	
15. DATE SPUDDED 10-1-1965 16. DATE T.D. REACHED 12-12-65 17. DATE COMPL. (Ready to prod.) 6-1-1966				11. SEC., T., R., E., OR BLOCK AND SURVEY OR AREA Sec. 5, T. 20S, R 24 E	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4584 Gr				12. COUNTY OR PARISH Grand 13. STATE Utah	
20. TOTAL DEPTH, MD & TVD 1690 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____				19. ELEV. CASINGHEAD 4586	
23. INTERVALS DRILLED BY XX ROTARY TOOLS _____ CABLE TOOLS _____				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1625 to 1630 Brush bason	
25. WAS DIRECTIONAL SURVEY MADE no				26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Electric Log McCullough Correlation Log	
27. WAS WELL CORED no					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
7 in.			100	8 5/8	21 sacks
4 1/2		9 1/2	1662	6 1/2	15 sacks
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number) Standard Jets - 20 holes 1630 ft. to 1625					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
					DEPTH INTERVAL (MD)
					160 Ft.
					1630 Ft.
					1630 Ft.
					AMOUNT AND KIND OF MATERIAL USED
					cement squeeze 6 sacks
					Acid 250 Gal.
					Fracture 124 barrels
					crude oil
33.* PRODUCTION					
DATE FIRST PRODUCTION 6-1-66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump 1 1/2 in.			WELL STATUS (Producing or shut-in) 1
DATE OF TEST 4-27-66	HOURS TESTED 10 days swabbing	CHOKE SIZE	PROD'N. FOR TEST PERIOD 124	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE 125 lb.	CALCULATED 24-HOUR RATE one	OIL—BBL.	GAS—MCF.	WATER—BBL.
					OIL GRAVITY-API (CORR.) 39
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY Walter Broadhead
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED _____		TITLE Operator		DATE _____	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Shale	0	1306	1306 FT. Gray to Black	Dakota		1306
Sand Shale	1306	1410	Gray Sandy shale			
SAND	1410	1430	White SAND			
Shale	1430	1506	Green-Gray	Morrison		1430
SAND	1506	1514	8 FT SAND GRAY			
Shale	1514	1625	110 FT Red-Gray shale			
SAND	1625	1630	Gray			
Shale	1630	1690 T.D.	Red-Gray	Beulah Basin SAND		1625

26 1966

Make copy
Sharon

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-070752
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Agate

The following is a correct report of operations and production (including drilling and producing wells) for the month of Dec, 1967,

Agent's address 1645 North 7th Street Company Walter D. Broadhead
Grand Junction Colorado Signed Walter D. Broadhead

Phone 242-7717 Agent's title operator

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
5-SE ⁴ SE ⁴	20S	24E	1125 3H	21	50					
5-SE ⁴ SE ⁴	20S	24E	1125 2							shut in

NOTE.—There were no runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

43-019-15097

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File

KEAS FED #2, #3-A, #8

(Location) Sec 5 Twp 20S Rng 24E

(API No.) SEE ATTACHED

☐ Suspense

(Return Date)

(To - Initials)

☒ Other

VLC/PROD. REPORTING

OPER. FILE

1. Date of Phone Call: 9-17-93 Time: 4:00

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☒
Talked to:

Name VERLENE BUTTS (Initiated Call ☐ - Phone No. (801) 259-6111

of (Company/Organization) BLM/MOAB

3. Topic of Conversation: U-070752/WALTER BROADHEAD

4. Highlights of Conversation:

LEASE U-070752 TERMINATED EFFECTIVE 12-2-91. SEE LETTER FROM BLM DATED 3-17-93.

THE BLM IS IN THE PROCESS OF TRYING TO GET THE WELLS PLUGGED. WALTER BROADHEAD

IS STILL CONSIDERED TO BE THE OPERATOR OF THE 3 WELLS LISTED ABOVE, HOWEVER

C.L. KEAS IS THE LEASEE (100% RECORD TITLE OWNER). DO NOT CHANGE OPERATOR

AT THIS TIME PER BLM. (IF NOT PA'D BY KEAS, THEY INTEND TO PULL BOND \$10,000)

*NO PRODUCTION HAS BEEN REPORTED TO MMS SINCE 12/91, THEY WOULD NOT ACCEPT IT

FROM WALTER BROADHEAD AFTER TERMINATION OF LEASE.

Moab District
P. O. Box 970
Moab, Utah 84532

3160
(U-070752)
(UT-065)

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Certification No. P 375 791 584

MAR 17 1993

Mr. Kenneth Keas
Rt. 4, Box 193-A
Chanute, Kansas 66720

Re: Plugging and Abandonment
Wells: Keas No. 2 - 43-019-15097
Keas Federal No. 3A - 43-019-15098
Keas Federal No. 8 - 43-019-31113
Lease: U-070752
Section 5, T. 20 S., R. 24 E.
Grand County, Utah

Dear Mr. Keas:

Our records indicate that C. L. Keas was the bonded, record title holder in Federal oil and gas lease U-070752. It is our informal understanding that you are either inheritor of, or acting on behalf of the estate of C. L. Keas. If our information is incorrect and you can clarify who is currently responsible for this portion of the C. L. Keas estate, we would appreciate your information. This letter is written with the assumption that you are that party.

Oil and gas lease U-070752 was operated by Mr. Walter Broadhead of Grand Junction, Colorado. It is located in Township 20 South, Range 24 East SLBM, and includes lot 3, lot 4, S $\frac{1}{2}$ NW $\frac{1}{4}$ and S $\frac{1}{2}$ of Section 5, comprising 468.58 acres. The lease has three non-productive, but, as of yet, unplugged wells. The lease terminated by cessation of production effective December 2, 1991. Operations on the lease were covered by a \$10,000 bond (No. UT 0827) with C. L. Keas as principal and The Travelers Indemnity Company as surety.

We have been attempting to get Mr. Broadhead to plug these wells since March, 1992 without success. As heir and successor to the lessee and bonded party, C. L. Keas, you are now are ultimately responsible for the plugging and abandonment of these well sites.

7/2/93

-2-

Therefore, a Notice of Intent to Abandon (NIA) must be submitted for each of the wells within 90 days of receipt of this letter. Typically, only 30 days are allowed for this, but since you may be unaware of well conditions, regulations and procedures, we are allowing you time to investigate. The wells must then be plugged within 60 days after approval of the NIAs.

Failure to comply with this order will result in action being taken against the aforementioned bond.

Depending on your familiarity with oil and gas operations, you may need some assistance in completing these requirements. You may wish to coordinate with Mr. Broadhead, since he is familiar with the conditions of the wells. We will be happy to advise you with regard to the regulatory aspects of this matter. Should you have any questions, please contact Eric Jones of this office at (801) 259-6111.

Sincerely,

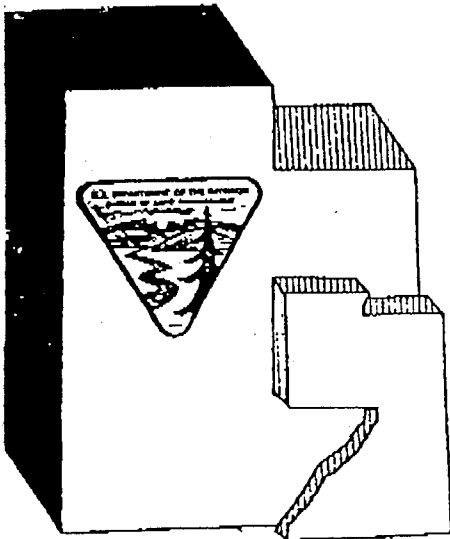
/S/ WILLIAM C. STRINGER

Assistant District Manager
Mineral Resources

cc: Utah State Office, UT-942
Utah State Office, UT-922

EJones:py 3-17-93 a:keaspa

pm



FAX TRANSMITTAL
MOAB DISTRICT OFFICE

TO:

Lisha

FROM:

Vulere

SUBJECT:

*Lease U 070752**Units 2, 3A, & 8*

NUMBER OF PAGES:

3

(Including Cover Sheet)

DATE:

9/2/93

TIME:

11:40

FAX MACHINE NO.:

COMMENTS:

*Call if you have Questions.
Thank you!*

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT
 BROADHEAD, WALTER
 1645 N 7TH ST
 GRAND JUNCTION CO 81501

UTAH ACCOUNT NUMBER: N1130REPORT PERIOD (MONTH/YEAR): 12 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
PATSANTARAS PETE #2								
4301930899	09181	20S 24E 3	BRBSN			Fee		
FEE PETE #4								
4301930916	09182	20S 24E 3	BRBSN			Fee		
KEAS FEDERAL #2								
4301915097	09183	20S 24E 5	BRBSN			4070752		
KEAS FEDERAL #3-A								
4301915098	09184	20S 24E 5	BRBSN			4070752		
FEDERAL LANSDALE #3								
4301930458	09185	20S 24E 29	BRBSN			47218		
DUTCH-FEDERAL #1								
4301915007	09186	20S 24E 29	MRSN			4034745		
ERAL CISCO #3								
4301930040	09187	20S 24E 29	MRSN			4034745		
TOMLINSON FEE #1								
4301930964	09188	21S 23E 12	MRSN			Fee		
KEAS FEDERAL #8								
4301931113	09189	20S 24E 5	CDMTN			4070752		
GRAND VALLEY EXPLORATION 32-3								
4301930067	10335	20S 24E 32	MRSN			ML27010		
FED BROADHEAD 17-1								
4301930997	10336	21S 24E 17	MRSN			426420		
FED BROADHEAD 8-3								
4301931067	10337	21S 24E 8	SLTW			426421		
BROADHEAD #1								
4301920092	10338	20S 24E 14	DKTA			438366		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



A-C-J-J-J-S SERVICE CO.

P.O. BOX 82
CLIFTON, COLORADO 81520

SHIPPING:

2944 I-70 BUSINESS LOOP #204
GRAND JUNCTION, COLORADO 81504
970-241-2917 FAX 970-241-4718

FAX TRANSMITTAL

FAX TRANSMITTAL

FAX TRANSMITTAL

TO: LISHA CORDOVA 1-801-359-3940

ATTN: _____

DATE: 1-10-97FROM: John KubickPAGES SENT INCLUDING COVER: 4COMMENTS: USE physical ADDRESS when
SENDING MAIL -IF YOU EXPERIENCE ANY DIFFICULTY WITH RECEIVING OR SENDING
TRANSMISSIONS---PLEASE CALL 970-241-2917

WORKING AGREEMENT PAGE 1083

BETWEEN WALTER BROADHEAD (OWNER AND LEASE HOLDER)
AND JOHN KUBICK (SERVICE CO.)

SERVICE CO. AGREES TO PROVIDE PUMPER, ROASTABOUT AND
COMPLETE BOOK KEEPING SERVICES IN AN EFFORT TO
PRODUCE THE OWNERS OIL AND GAS WELLS.

OWNERS EQUIPMENT WILL BE USED WHEN AVAILABLE.
SHOULD OWNER NOT HAVE THE NECESSARY EQUIPMENT
(PIPE, FITTINGS, ENGINES, COMPRESSORS, SEPARATORS ETC.)
TO PUT WELLS INTO PRODUCTION - SERVICE CO. WILL PROVIDE
ALL NECESSARY SURFACE EQUIPMENT AND LABOR
NECESSARY TO INSTALL SAID EQUIPMENT. ALL EQUIPMENT
PROVIDED BY SERVICE CO. WILL REMAIN THE PROPERTY OF
THE SERVICE CO.

DOWN HOLE EQUIPMENT AND WORKOVERS ARE NOT
PROVIDED AS PART OF THIS AGREEMENT. THE DIVISION
OF THESE EXPENSES WILL BE WORKED OUT AS
NEEDED ON A WELL PER WELL BASIS.

WELLS DEPLETED DURING TERM OF CONTRACT
WILL BE PLUGGED BY SERVICE CO.

SPILLS, CLEANUP, PITS ETC. REQUIRED AFTER THE DATE OF THIS AGREEMENT WILL BE THE RESPONSIBILITY OF SERVICE CO.. ANY NECESSARY WORK WHICH PRE-EXISTED DATE OF AGREEMENT WILL BE WORKED OUT BETWEEN OWNER AND SERVICE CO..

ALL CHEMICALS NECESSARY TO PRODUCE WELLS WILL BE PROVIDED BY SERVICE CO. .

ALL BOOKKEEPING REQUIREMENTS INCLUDING DISBURSEMENT OF ALL PRODUCTION MONEY, GOVERNMENT REPORTS, PAYMENT OF TAXES AND ROYALTIES, REPORTS TO ALL PARTIES INVOLVED AND STORAGE OF ALL INFORMATION WILL BE PROVIDED BY THE SERVICE CO.. ALL DIVISION OF MONEY WILL BE PAID OUT WITHIN 10 DAYS OF RECEIPT FROM BUYERS. SERVICE COMPANY WILL SET UP A SEPERATE CHECKING ACCOUNT AND IF NECESSARY A ESCROW ACCOUNT.

THE DIVISION OF PRODUCTION MONEY AFTER TAXES AND ROYALTIES ARE AS FOLLOWS. 60% TO WALTER BROADHEAD OR TO WHOEVER HE MAY ASSIGN. 40% TO SERVICE CO..

THE TERM OF THIS AGREEMENT IS FROM JAN 8th
1997 TO JAN 8th ~~1998~~ ^{9/08/2000} AGREEMENT NEEDS TO
BE EXTENDED AT END OF TERMINATION DATE OR
AGREEMENT IS CANCELLED. MONEY PAID FOR OIL
AND GAS PRODUCTION WHILE THIS AGREEMENT WAS IN
FORCE IS PART OF THIS AGREEMENT EVEN IF
RECEIVED AFTER TERMINATION OF AGREEMENT.

Walter Broadhead

WALTER BROADHEAD (OWNER)

1-8-97

DATE

John Kubiak

John Kubiak (SERVICE Co.)

1-8-97

DATE

Bruce Broadhead

(WITNESS)

1/8/97

DATE

Daymon Hilliard

(WITNESS)

1-8-97

DATE



Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-359-3940 (Fax)

801-538-5319 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: JANUARY 13, 1997

FAX #: (801)259-2106

ATTN: VERLENE BUTTS

COMPANY: BLM/MOAB

FROM: LISHA CORDOVA

DEPARTMENT: OIL & GAS

NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE): 5

If you do not receive all of the pages, or if they are illegible, please call (801) 538-

We are sending from a Sharp facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES:

DOGM IS GOING TO SET UP ACJJJS SERVICE CO/JOHN KUBICK AS AGENT FOR WALTER

BROADHEAD. WALTER BROADHEAD WILL BE CONSIDERED OPERATOR HOWEVER MONTHLY OIL

& GAS REPORTING AND WORKOVERS, ETC. WILL BE PROVIDED BY ACJJJS. PLEASE CALL

ME REGARDING BLM ACTION/APPROVAL.

THANK YOU!

Important: This message is intended for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above addressed via regular postal service. Thank you.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1- <i>WAC</i> <i>SLB</i>	6- <i>WAC</i>
2- <i>GLH</i>	7- <i>KDR Film</i>
3- <i>DTS</i> <i>SLB</i>	8- <i>SL</i>
4- <i>VLD</i>	9- <i>FILE</i>
5- <i>RIF</i>	

☐ Change of Operator (well sold)☒ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 1-8-97

TO: (new operator)	<u>BROADHEAD, WALTER</u>	FROM: (old operator)	<u>BROADHEAD, WALTER</u>
(address)	<u>C/O ACJJJS SERVICE CO/JOHN KUBICK</u>	(address)	<u>1645 N 7TH ST</u>
	<u>2944 I-70 BUSINESS LOOP #204</u>		<u>GRAND JUNCTION CO 81501</u>
	<u>GRAND JUNCTION CO 81504</u>		
Phone:	<u>(970)241-2917</u>	Phone:	<u>(303)242-7717</u>
Account no.	<u>N1130</u>	Account no.	<u>N1130</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>019-15097</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec* 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 1-10-97)*
- lec* 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 1-10-97)*
- N/A* 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
- ** 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(See comments)*
- lec* 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above. *(1-17-97)*
- N/A* 6. **Cardex** file has been updated for each well listed above.
- N/A* 7. Well file labels have been updated for each well listed above.
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-17-97)*
- lec* 9. A folder has been set up for the **Operator Change** file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- NA 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) **Not an operator change / Agent designation only!*

- NA 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A **copy of this form** has been placed in the new and former operator's bond files.
- NA 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) no, as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

Not an operator change

- NA 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- NA 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been **microfilmed**. Today's date: 1-30-97.

FILING

- NA 1. **Copies** of all attachments to this form have been filed in each well file.
- NA 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

970116 Blm/magb received doc. "Working Agreement" submitted by ACQGS Service Co / Walter Broadhead. (attached)
No official approval will be given by them, however they will acknowledge John Kubick / Argggs Service Co. as being Walter Broadhead's "Agent".
Operatorship & bond coverage "Walter Broadhead".

MEMO TO FILE

December 15, 2003

To: Well File:
Keas Federal 2
API 43-019-15097
5-T20S-R24E
Grand County, Utah

From: Don Staley

Re: Orphan Well Status

Documentation was obtained from Marie McGann, BLM Moab Field Office, on November 19 2003 showing that the BLM has classified this federal lease well as an orphan. Based on this, division management made the decision on December 15, 2003, that this well should be moved from Walter Broadhead (N1130) to Orphan – No Responsible Operator (N9999). The operator was changed in the division's computer database to N9999 on December 15, 2003.

Attachment (BLM documentation)

ORPHAN WELL LISTING
as of 4/17/03

<u>Lease</u>	<u>Well</u>	<u>API#</u>	<u>Location</u>
UTU034745	Fed 3	4301930040	SWSW Sec. 29, T20S, R24E
	Fed 4	4301930717	SWSW Sec. 29, T20S, R24E
UTU070752	✓ Keas 2	4301915097	SESE Sec. 5, T20S, R24E
	Keas 3A	4301915098	SESE Sec. 5, T20S, R24E
	Keas 8	4301931113	SESE Sec. 5, T20S, R24E
UTU38366	1	4301920092	SWNW Sec. 14, T20S, R24E
UTU26420	17-1 (aka 17-2)	4301930997	NENW Sec. 17, T21S, R24E
UTU38365	9-2A	4301931150	SENE Sec. 9, T20S, R24E
UTU24606	25-5	4301931145	SENE Sec. 25, T20S, R23E
UTU49684	21-1	4301931072	SWSW Sec. 21, T18S, R25E
UTU69951	Lansdale 8	4301930037	NWSW Sec. 27, T18S, R25E
UTU69950	29-3	4301931343	NWNW Sec. 29, T18S, R25E
UTU69423	Lansdale 3	4301915597	SWNE Sec. 3, T21S, R23E

List sent via email to Mike Hebertson -- DOGM
by

Marie McGann
BLM Moab Field Office
435-259-2135

on 11/19/2003

with the following comments:

Attached is an Excel spreadsheet of the Moab Field Office orphan wells.
Please let me know if you have any questions.